

JOURNAL OF SOILS AND SEDIMENTS

Protection, Risk Assessment and Remediation



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Aims and Scope

JSS deals with **intact, disturbed and contaminated** soils and sediments.

Soil, within the scope of this Journal, is the upper layer of the earth's crust with its liquid (soil solution) and gaseous components (soil air). Included are **soil substrates**, e.g. treated soils, ashes, slags, sewage sludge, composts and urban soils.

Sediments, within the scope of this Journal, encompass freshwater (limnic), estuarine, coastal and harbour sediments, and related dredged material (www.mep.tno.nl/SedNet).

Topics

1. Research on Effects caused by disturbances and contamination
2. Research, strategies and technologies for prediction, prevention, and protection
3. Research, strategies and technologies for identification and characterisation
4. Research, strategies and technologies for treatment, remediation and reuse
5. Strategies for risk assessment and management
6. Research on and the implementation of quality standards
7. International regulation and legislation

Keywords:

General for soils and sediments:

- Anthropogenic impacts
- Bioavailability
- Ecology
- Ecotoxicological effects
- Metals
- Natural attenuation
- Organic compounds
- Risk assessment
- Risk management
- Species sensitivity

Soils:

- Acidification
- Remediation: including bioremediation and phytoremediation
- Soil functioning
- Soil structure

Sediments:

- Sediment/water interactions (e.g. release of historic pollutants from contaminated sediments, thus posing a risk to water resources; see also the EU Water Framework Directive)
- Remediation of contaminated sediments
- Management of sediments and dredged material (www.mep.tno.nl/SedNet)

Types of contributions

- Research articles (experimental and theoretical)
- review articles
- discussions and commentaries
- pro and contra discussions
- methods and concepts
- management strategies
- reports from research and technology
- reports from policy and legislation
- editorials
- letters to the editor
- book reviews and announcements
- grey literature
- software
- conference reports and announcements

Target groups

- Environmental scientists
- chemists, biologists
- hydrologists, limnologists
- geographers, geologists, mineralogists
- agriculturists, foresters
- landscape designers
- technologists
- waste and remediation specialists
- jurists

Target areas

- Academia and industry
- research and technology
- consultancy
- administrative bodies
- non-government organisations
- legislation and regulation

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